

HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES

April 26, 2011

These minutes summarize the meeting of the Hunters Point Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on April 26, 2011, at the CH2M HILL offices in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the Department of the Navy (Navy), the U.S. Environmental Protection Agency (EPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), their consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. The action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Melanie Kito (Navy, Lead Remedial Project Manager [RPM]) began the meeting with Navy business. She announced that Doug Gilkey (Navy) and Thomas Macchiarella (Navy) are no longer Base Closure Manager (BCM) and Deputy BCM. John Hill (Navy) and Deb Theroux (Navy) have taken over these positions. Ms. Kito introduced the new Navy intern, Chris Dirscherl. He also interned at the Resident Officer in Charge of Construction (ROICC) office. Chris Yantos (Navy, RPM) has taken over the radiological program. Jim Whitcomb (Navy, former HPNS Deputy Lead RPM) has moved to the Naval Air Station (NAS) Moffett Field team as Lead RPM. Ms. Kito reviewed the action items from the March 24, 2011 BCT meeting:

- Mr. Whitcomb will get in contact with CDPH about collecting samples at Buildings 313, 313A, and 322, sites while the excavation sites and trenches are still open. *In progress. Mr. Yantos said that they are actively remediating but they have not reached a point for CDPH to collect confirmation samples. This item was transferred to Chris Yantos' (Navy, RPM) responsibility.*
- Mr. Whitcomb will provide a copy of the Radiological Program schedule to Steve Hsu (CDPH) in order to plan and schedule radiological scans and prepare a list of site statuses. *In progress. Lara Urizar (Navy, RPM) said that Ms. Kito will be the point of contact (POC) for everything except Parcel B Installation Restoration (IR) sites 7 and 18 and Ms. Urizar will be the contact for those sites. Ms. Kito said to go through Mr. Yantos for all communications.*
- The Navy will provide the Water Board the rad results from the storm water in the frac tanks to determine if that water can be used for dust control. *In progress. Ms. Urizar said that Radiological Affairs Support Office (RASO) approved it and she will send the data out to the BCT later this week.*
- Jim Whitcomb will coordinate some potential dates with RASO for the meeting in Sacramento to discuss the parameters for dose modeling and finalize a meeting date with DTSC and CDPH. *In progress. Mr. Yantos said that an internal draft is in progress and*

as soon as they get available dates from Laurie Lowman, the Navy will contact DTSC and CDPH. This item was transferred to Mr. Yantos' responsibility.

2.0 Radiological Update (Chris Yantos, Navy)

Mr. Yantos began the radiological program update. He gave a summary of the presentation. The Crisp Road sanitary sewer and storm drain line removal, characterization, and remediation is complete. CDPH performed a confirmation survey at Building 810 on April 14, 2011. The final version of the Final Status Survey (FSS) was submitted for Building 414 and the Navy is awaiting CDPH confirmation surveys. The Sites 701 and 704 draft version FSSs are under RASO review. The Building 707 triangle sanitary sewer/ storm drain removal is complete. The characterization and remediation of surface contamination is on-going. The IR-04 Scrap Yard field work is complete and the Navy is awaiting off-site data.

The sanitary sewer and storm drain line removal began in central Parcel C on January 4, 2011. The excavation of soil and the removal of piping continued through April 13, 2011. To date, a total of 9,159 linear feet of sanitary sewer and storm drain lines have been removed. 16,341 cubic yards of soil has been excavated. Six survey units are currently being surveyed and samples and four survey units are awaiting offsite data prior to backfilling. The Parcel C building surveys are ongoing. The boilers have been removed from Building 203 and a task specific plan (TSP) is being drafted. Mr. Yantos presented several photos from the asbestos abatement at Building 203. The initial survey of Building 214, 241, 271, and 272 has been completed and the data is under internal review. The Navy is preparing for sanitary sewer and storm drain line removal in Building 203, 241, 271, and 272. The North Pier TSP and the sanitary sewer and storm drain line removal activities are on hold because the pier removal contractor is currently using the area. The Navy is waiting for concurrence on free-release on Building 810.

Mr. Yantos discussed the Parcel E 500 series field work. The site preparation, dig alert, and utility locator activities continue. The Navy is performing mechanical and equipment (M&E) surveys on debris. The asbestos abatement and fire brick removal activities in Building 521 furnace began on April 6, 2011. The draft version TSPs for former Building 507, 509, and 517 sites are under RASO review. A coordination meeting was held on April 4, 2011, with Navy, San Francisco Police Department, and Tetra Tech for access to areas surrounding Building 606, the current police department building. Mr. Yantos pointed out impacted buildings and sites within the Parcel E 500 Series area.

All of the Parcel B Building surveys are complete. CDPH performed a confirmation survey on the Building 140 discharge channel on April 13, 2011. The Building 140 technical memorandum is under RASO review. All Parcel G building surveys are complete and have been free released.

The new on-site radiological laboratory is fully operational. The laboratory received 6,150 samples from HPNS contractors. Since becoming operational on January 24, 2011, the laboratory has prepared and analyzed 6,841 samples.

The Navy has prepared an internal draft for the Radiological Risk and Dose Modeling for Sites IR-07 and IR-18 using RESRAD. The Navy will schedule a meeting with DTSC/CDPH to discuss site specific modeling input parameters in detail with the agencies. When site specific modeling input parameters are agreed upon, these will be utilized in the modeling and a draft

model will be submitted to the agencies for review. Mr. Miya asked if the internal draft of the dose modeling memo would be available prior to the meeting so that they could find out if CDPH agrees to the dose modeling prior to meeting. Ms. Kito would like to give DTSC and CDPH a chance to read the document before the meeting. The Navy has not had a chance to discuss it since Jim left the team. Mr. Hsu clarified that CDPH will be provided with a draft and then a meeting will be held to discuss it.

Mr. Yantos said that as of April 15, 2011, 10,300 lineal feet of sanitary sewer and storm drain lines have been removed. 576,000 square feet of asphalt has been removed from the Gun Mole Pier and the South Pier. Mr. Yantos presented a photo of the Gamma Walk-over radiological survey. He summarized the Parcel D-1 current field work status. The Navy completed demolition for 11 buildings on the Gun Mole Pier and one on the South Pier. The gamma walk-over survey and Field Instrument for the Detection of Low Energy Radiation (FIDLER) survey for the rad impacted asphalt was completed. 63 survey units were evaluated and 20 survey units showed detections above the investigation level and were further investigated. Sample results evaluated to date have not shown any indications of plutonium or its tracer, americium. The Navy completed the removal and stockpiling of 462,000 square feet of asphalt and 6,400 wooden ties. At the South Pier, survey and sampling for all 13 survey units was completed. The Navy completed the removal and stockpiling of 114,000 square feet of asphalt, 9,700 rails, and 4,300 wooden ties. At Building 274, there were no detections above investigation levels and the Navy is developing an internal draft FSS report. At Building 383, the Navy completed the building slab foundation and asphalt removal. The gamma scans and soil sampling is in progress. The Building 313, 313A, and 322 sites have been surveyed and sampled. There were elevated levels of Cesium (Cs)-137 and Radium (Ra)-226 above the action limits. The TSP was revised to include additional survey, sampling and remediation. The Navy remediated an estimated 175 cubic yards of soil and performed additional sampling. The sanitary sewer and storm drain line removal is 85% complete; the remaining 15% is primarily in the radiological screening yard (RSY) footprint.

Mr. Yantos discussed the upcoming field work at Parcel D-1. The Navy plans to perform an additional survey, sampling and remediation at Building 313, 313A, and 322 sites. The Navy will continue work under the RSY-2 footprint. The Navy plans to begin backfilling of trenches with RASO approval of the survey unit project reports (SUPRs). A storm water swale will be installed on Manseau Street and the Navy will mobilize and perform asphalt grinding and site restoration.

Mike McGowan (Arc Ecology) asked if there is a map that shows all of the survey areas. Ms. Kito said there needs to be a basewide map including Shaw and TtEC.

3.0 RU-C5, PCB Hot Spot and IR 7/18 Field Updates (Hamide Kayaci, Navy/ Lara Urizar, Navy)

Hamide Kayaci (Navy, RPM) began the presentation. Tamzen Macbeth (CDM) participated via conference call. Ms. Kayaci said that they were using thermal conduction heating (TCH) until April 5, 2011. Ms. Kayaci noted that the contractor noticed a flame at HO-4. The system was shut down shortly thereafter on April 14, 2011. Ms. Kayaci noted that the heater temperature reached 2,000 °F. The thermal system heaters were shut down on April 5, 2011, and the soil vapor extraction (SVE) system operated from April 14 through April 22, 2011. 1,2-DCB went from 7 lb/day on March 22, 2011, to 2.6 lb/day on March 31, 2011, to the current 0.05 lb/day on

April 15, 2011. 1,4-DCB went from 1.8 lb/day to 0.6 lb/day to current 0.02 lb/day. PCE went from 2.5 lb/day to 1.0 lb/day to the current 0.06 lb/day.

Ms. Kayaci summarized the April 4, 2011, WebEx decisions. Meeting participants decided to run the TCH until April 21, 2011, and the SVE to May 2, 2011, and eliminate the LactOil polish in the treatment component (TC) 3. Because of the recent field events, the TCH operations were shortened to April 5, 2011, and the SVE to April 22, 2011. The LactOil polish will continue in TC3. The TC2 demobilization is scheduled for May 2011. At this time, the heater casings and liners will be evaluated. The source of flammable gasses will be investigated through soil and soil gas sampling.

Ms. Kayaci summarized the details of the post-thermal sampling. 40 soil samples from eight borings will be collected at locations near pre-thermal borings and be analyzed for: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and total petroleum hydrocarbons (TPH) (total extractable) using the high-temperature sampling protocol. The soil gas samples were collected from SVE influent (last one April 20, 2011, and PMP-1. The groundwater sampling will be conducted.

Ms. Kayaci described the TC3 Polish Injection Design Parameters and pointed out the LactOil injection points on a map. Ms. Kayaci concluded with a review of the project schedule.

Ms. Urizar discussed the polychlorinated biphenyl (PCB) hot spot Time Critical Removal Action (TCRA) project status update. The Hot Spot Tiers 3 and 5 excavation was started on August 30, 2010. About 30% of the Tier 5 grids were excavated to depth and confirmation sampled. The Tier 2 excavation began on October 19, 2010. 60% of the grids were excavated to depth and confirmation sampled. 60% of the grids were backfilled with clean sand. The excavation activities were suspended in December 2010 to resolve the RSY soil clearance protocol and new HPNS onsite laboratory shutdown and startup. All soil on RSY pads were cleared for MPPEH, including the 3rd party quality assurance. Ms. Urizar discussed the work accomplished in 2011. The turbidity curtain was damaged from winter storms and from the Japanese earthquake tsunami. The curtain was damaged severely on March 21, 2011. The contractor repaired the curtain and redeployed shorter sections fully encompassing the shoreline excavations during the week of April 4, 2011. There was no excavation work conducted between December 1, 2010, and April 12, 2011. The Navy began clearing the RSY soil on March 14, 2011. Approximately, 2,500 cubic yards of soil was stockpiled and sampled for off-site disposal. The off-site transportation and disposal (T&D) is scheduled to begin in early May. The Navy remobilized heavy equipment to the site on April 11, 2011, and recommenced excavation in Tier 2 on April 13, 2011. The Navy is preparing for Tier 1 excavation and preparing to collect final radiological data to closeout Tier 3. Ms. Urizar presented a figure detailing the TCRA progress. A 20,000 gallon frac tank was sampled in early January 2011 and it was determined that the water from the frac tank can be used for dust suppression pending Water Board approval. NRC conducted a site inspection on March 28-31, 2011. Ms. Urizar reviewed the project schedule.

Ms. Urizar presented that remedial action implementation update for IR site 07 and 18 at Parcel B. The Navy remobilized the soil offloading barge and began the import of cover soil at the rate of 3,600 tons per day. To date, approximately 31,600 tons of soil has been imported and placed. The demarcation layer installation is in progress. The Parcels B, D-1, and G soil hot spot removal and Parcels D-1 and G soil stockpile removal is complete and the internal draft remedial

action completion report (RACR) was submitted to the Navy for review. Ms. Urizar asked CDPH to wait a couple of months to conduct confirmation sampling. She noted that she has sent an email to Mr. Hsu (CDPH). She summarized the schedule and presented several photos of the remedial action.

4.0 Pier Demo Update (Jackie Dunn, Navy)

Jackie Dunn (Navy, RPM) described the scope of work and provided a status update of the pier demo fieldwork. She noted that the pre-demolition surveys are completed and the equipment has been mobilized. The Navy is conducting water quality monitoring, debris control, and dust control. She showed pictures of the Submarine piers B and C demo activities. As of April 15, 2011, approximately 16,000 ft² has been demolished from the Submarine Pier B and approximately 16,000 ft² has been demolished from Submarine Pier C. Ms. Dunn summarized the project schedule. Mobilization took place during the week of March 14, 2011; demolition activities began during the week of March 21, 2011; de-mobilization is anticipated during the September 2011; and the project is projected to be complete by February 2012. The final construction summary report will be issued after completion. Ms. Dunn noted that Ross Steenson (Water Board) had requested a site walk. She suggested to schedule one during the third week of May or the first week of June 2011. She mentioned that they seem to be a couple weeks ahead of schedule.

5.0 Landfill Monitoring Update (Lara Urizar, Navy/Chris Dirscherl, Navy)

Ms. Urizar described the objectives of the landfill gas monitoring:

- Verify that landfill gas control system is effectively reducing levels of methane and non-methane organic compounds (NMOCs) to below regulatory limits.
- Prevent hazardous levels of landfill gas from migrating to the University of California San Francisco (UCSF) compound and non-Navy property.
- Regulatory limit for methane in gas monitoring probes (GMPs) is the lower explosive limit of 5% by volume, as set by 27 CCR §20921(a) (2)
- Oversight performed by the California Integrated Waste Management Board (CIWMB)

Parcel E-2 landfill gas monitored on Crisp Avenue:

- Methane has never been detected in any Crisp Avenue GMP by field instruments
- Methane was detected at 18 parts per million (ppm) (0.0018% by volume) in Summa canister samples collected at GMP15 in December 2004.

In May 2002, seven GMPs were installed to investigate the possible extent of landfill gas migration towards Crisp Avenue. The locations of these GMPs were based on a review of the existing utility drawings for any preferential pathways and the results of the soil-gas survey conducted in April 2002. In February 2004, six new GMPs were installed between existing GMPs along Crisp Avenue to address CIWMB's concern that some of the existing GMPs did not extend to the lowest historical groundwater elevation. There is a potential for space between

groundwater and the bottom of existing GMPs during periods during dryer years. Methane could possibly migrate in the space under the GMP and remain undetected. To address these concerns, a larger 2" probe casing was utilized instead of the previously installed ¾" diameter casing. Ms. Urizar showed the original May 2002 GMP locations and the additional February 2004 GMP locations on a map. In August 2010, Tetra Tech removed the Crisp Avenue GMPs during sewer line removal activities. In May 2011, the GMPs were reinstalled on Crisp Avenue. The Navy is proposing the installation of seven new GMPs on Crisp Avenue located around GMP32. Ms. Urizar showed the current Crisp Avenue GMP locations and the proposed Crisp Avenue GMP locations.

There was discussion about scheduling a meeting with the new CIWMB representative. Mark Ripperda (EPA) requested that before the Proposed Plan goes out, the NMOCs need to be fingerprinted for the community members. Karla Brasaemle (Tech Law) asked if the wells were properly abandoned. Ms. Kito said that she believes that they were completely removed. Chris Dirscherl (Navy, Intern) showed the regulations.

6.0 Early Transfer Schedule Update (Melanie Kito, Navy)

The schedule is the same as the previous meeting. The only difference is Parcel E-2 Proposed Plan has been delayed until May 2011. Parcel E Feasibility Study is most likely to be delayed a month. Ms. Kito said that the Navy will send out an email request for an extension. Mr. Forman said that an official FFA schedule is being put together. Leslie Lundgren (KCH) said that the Navy will receive the new schedule today. Mr. Forman said that he prefers the current format for day to day use so they will continue to use both.

7.0 Community Involvement Update (Keith Forman, Navy)

Ms. Lundgren said that the comment period was extended to May 22, 2011. The team is in the process of responding to comments and making changes to the document. The distribution will be similar to that draft distribution. The Final Community Involvement Plan (CIP) will be released on May 26, 2011. The Navy has been holding interim community outreach activities. The next meeting is going to be held on April 27, 2011, at the HPNS in Building 101. The Navy has also been participating in local radio shows including Ida Choy, Carlos DeMarty, and KPOO radio. Mr. Forman said that the Navy has been receiving a lot of feedback from the radio shows and they will continue to do so. Mr. Forman said that the Navy is planning to hold bus tours for the different community groups. He said that the BCT will be asked to participate in some of the bus tours. Ms. Lundgren asked the BCT to be looking at their calendars for potential weekend dates for the bus tours in June, July, or August.

8.0 Action Items/Future Meetings (Keith Forman, Navy)

The next BCT meeting will be held on May 26, 2011, at CH2M Hill in Oakland, California. Action items are included as Attachment C.

ATTACHMENT A:**HUNTERS POINT SHIPYARD
MEETING ATTENDANCE SHEET**

Topic: BCT Meeting
 Location: CH2M Hill
 Oakland, CA
 Date/Time: April 26, 2011 / 10:00 a.m.

| Organization | Name | Phone Number | E-Mail Address | Present |
|-------------------------------|--------------------|--------------|--|---------|
| Navy | Keith Forman | 619-532-0913 | keith.s.forman@navy.mil | X |
| | Melanie Kito | 619-532-0787 | melanie.kito@navy.mil | X |
| | Lara Urizar | 619-532-0960 | lara.urizar.ctr@navy.mil | X |
| | Hamide Kayaci | 619-532-0930 | hamide.kayaci.ctr@navy.mil | X |
| | Chris Yantos | 619-532-0952 | christopher.yantos.ctr@navy.mil | X |
| | Simon Loli | 619-532-0782 | simon.loli.ctr@navy.mil | |
| | Laurie Lowman | 757-887-7650 | laurie.lowman@navy.mil | |
| | Matt Slack | 757-887-4212 | matthew.slack@navy.mil | |
| | Zack Edwards | 757-887-4692 | zack.edwards@navy.mil | |
| | Frank Fernandez | 510-749-5936 | franklin.d.fernandez@navy.mil | |
| | Jarvis Jensen | 757-887-4483 | jarvis.jensen@navy.mil | |
| | Adam Zwiebel | 510-749-5947 | adam.zwiebel@navy.mil | |
| | Shane Wells | 510-749-5922 | robert.s.wells@navy.mil | |
| | Jackie Dunn | 619-532-0777 | jacqueline.dunn@navy.mil | X |
| | Bob Hunt | 619-532-0962 | robert.a.hunt.ctr@navy.mil | |
| | Chris Dirscherl | 619-532-0932 | chris.dirscherl@navy.mil | X |
| U.S. EPA | Mark Ripperda | 415-972-3028 | ripperda.mark@epa.gov | X |
| | Jackie Lane | | | |
| DTSC | Ryan Miya | 510-540-3775 | rmiya@dtsc.gov | X |
| | Michelle Dalrymple | 510-540-3926 | mdalrymple@dtsc.ca.gov | |
| RWQCB | Ross Steenson | 510-622-2445 | rsteenson@waterboards.ca.gov | X |
| CDPH | Jeff Wong | 510-620-3423 | jeff.wong@cdph.ca.gov | X |
| | Tracy Jue | 916-324-4808 | tracy.jue@cdph.ca.gov | |
| | Kurt Jackson | | | |
| | Larry Morgan | | | |
| | Steve Hsu | 916-440-7940 | steve.hsu@cdph.ca.gov | X |
| CDFG | Charlie Huang | 916-324-9805 | chuang@ospr.dfg.ca.gov | |
| | Tammy Nakahara | 916-324-8452 | tnakahar@ospr.dfg.ca.gov | |
| City of SF | Amy Brownell | 415-252-3967 | amy.brownell@sfdph.org | |
| | Sigrida Reinis | 415-955-9040 | sreinis@treadwellrollo.com | X |
| Geosyntec | Jeff Austin | 415-218-0027 | jasustin@geosyntec.com | X |
| BVHP/Lennar | Steve Rottenborn | 408-458-3205 | srottenborn@harveyecology.com | |
| Tech Law Inc., EPA contractor | Karla Brasaemle | 415-281-8730 | kbrasaemle@techlawinc.com | X |
| | Tom Hall | | | |

| Organization | Name | Phone Number | E-Mail Address | Present |
|---------------------------------|-------------------|--------------|--|---------|
| <i>Navy contractors</i> | | | | |
| Tetra Tech EM Inc. | Steve Hall | 619-321-6709 | steve.hall@ttemi.com | |
| | Tim Mower | 313-312-8874 | tim.mower@ttemi.com | X |
| | | | | |
| Tetra Tech EC, Inc. | Bill Dougherty | 415-216-2731 | bill.dougherty@tetrattech.com | |
| | | | | |
| Sealaska Environmental Services | Lauren Cason | 619-564-8329 | lauren.cason@sealaska.com | X |
| | | | | |
| CE2 | Bruce Rucker | 925-400-4586 | rucker@ce2corp.com | X |
| | John Copland | 925-463-7301 | copland@ce2corp.com | |
| | | | | |
| Kleinfelder | Gary Goodemote | 510-628-9000 | ggoodemote@kleinfelder.com | X |
| | Gabriel Fuson | 510-774-4115 | gfuson@kleinfelder.com | X |
| | Charlie Almestad | 510-628-9000 | calmestad@kleinfelder.com | |
| | | | | |
| KCH | Leslie Lundgren | 415-541-7110 | leslie.lundgren@ch2m.com | X |
| | Jamie Hamm | | | X |
| | | | | |
| ERRG | Doug Bielskis | 925-726-4119 | doug.bielskis@errg.com | |
| | John Sourial | 415-848-7103 | john.sourial@errg.com | |
| | | | | |
| ITSI | Jim Schollard | 925-946-3107 | jschollard@itsi.com | |
| | Brett Womack | 925-250-8077 | bwomack@itsi.com | X |
| | Ken Leonard | | kleonard@itsi.com | |
| | | | | |
| Jonas and Associates | Gilbert Yousif | 415-559-8232 | gyousif@jonasinc.com | |
| | | | | |
| Shaw Group | Wayne Akiyama | 925-288-2003 | wayne.akiyama@shawgrp.com | |
| | Tom Carson | | | |
| | Ulrika Messer | | ulrika.messer@shawgrp.com | |
| | | | | |
| Battelle | Cannon Silver | 619-424-7606 | silverc@battelle.org | |
| | John Hardin | 619-574-4827 | hardinj@battelle.org | |
| | | | | |
| MACTEC | Alfonso Ang | 415-278-2108 | aang@mactec.com | X |
| | Dharme Rathnayake | 415-278-2111 | drathnayake@mactec.com | |
| | Ray Hendry | 303-807-4421 | lrhendy@mactec.com | X |
| | | | | |
| URS | Jerry Zimmerle | 714-433-7738 | jerome.zimmerle@urscorp.com | |
| | | | | |
| TN & Associates | Suman Sharma | 510-223-1344 | ssharma@otiesolutions.com | |
| | Mike Quillin | 925-286-9043 | mquillin@onsesolutions.com | |
| | | | | |
| CDM | Tamzen Macbeth | 208-569-5147 | macbethtw@cdm.com | |
| | Matt Brookshire | 858-268-3383 | brookshirems@cdm.com | |
| | | | | |
| Arc Ecology | Mike McGowan | 415-643-1190 | mikemcgowan@arcecolology.org | |
| | | | | |
| BCDC | Rafael Montes | 415-352-3670 | rafaelm@bcd.ca.gov | |
| | | | | |
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**ATTACHMENT B-1: COMPLETED REVIEW PERIODS
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|-----------|--|----------------|----------------------------|-------|------------------------------|---------|---------|----------------------|
| | | | | | | EPA | DTSC | RWQCB | City of SF |
| 1 | B | Final Final Status Survey Results, Building 810 | 2/1/11 | 3/4/11 | | | | | |
| 2 | E | Draft Package #35 Survey Unit Survey Projects (157,158,159, and 160) | 2/3/11 | 3/7/11 | | | 3/4/11 | | |
| 3 | E | Draft Package #36 Survey Unit Project Reports (161,162,163,165) | 2/8/11 | 3/10/11 | | | 3/4/11 | | |
| 4 | B, E-2 | Final Work Plan for Geotechnical Investigation | 2/8/11 | n/a | | | | | |
| 5 | D-1 | Final RD Package Parcel D-1, | 2/11/11 | n/a | | | | | |
| 6 | UC-1,UC-2 | Findings of Suitability to Transfer for Parcels UC-1 and UC-2 | 2/11/11 | | | 3/29/11 | 3/10/11 | 3/9/11 | 3/29/11 |
| 7 | E | Final Status Survey Results Unit 70, Building 414 | 2/15/11 | 3/17/11 | | | 3/22/11 | | |
| 8 | E | Draft Parcel E Groundwater Treatability Study Technical Report | 2/16/11 | 3/18/11 | | | 3/29/11 | 3/18/11 | 3/17/2011 3/29/11 |

ATTACHMENT B-1: COMPLETED REVIEW PERIODS (cont.)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|-----------|---|----------------|----------------------------|-------------|------------------------------|------|-------|---------|
| | | | | | | EPA | DTSC | RWQCB | City of |
| 9 | E | Final Design Plan Work Area 36, Parcel E 500 Series Radiological Remediation Support | 2/18/11 | | | | | | |
| 10 | G | Final Survey Unit Project Reports (SUPR) for units 74,75,76,77,and 78 Pkg 23 | 2/22/11 | | | | | | |
| 11 | Basewide | Semiannual Groundwater Monitoring Report (April - September 2010), HPS, SF, CA | 2/24/11 | | | | | | |
| 12 | G | Final Survey Unit Project Reports (SUPR) for units 79,80,81,82,and 83 Pkg 24 | 2/25/11 | | | | | | |
| 13 | G | Final Survey Unit Project Reports (SUPR) for units 85,86,87,88 and 89 Pkg 25 | 2/25/11 | | | | | | |
| 14 | D-1, G | Final Parcels D-1 and G Groundwater Treatability Study Technical Report, IR-09, IR-33, and IR-71, HPS, SF, CA | 3/1/10 | | | | | | |
| 15 | UC-1,UC-2 | Final RACR | 3/2/11 | 4/4/11 | Concurrence | | | | |
| 16 | B | Draft - Final Status Survey Results, Building 103, HPS, SF, CA | 3/3/11 | 4/2/11 | | | | | |

**ATTACHMENT B-1: COMPLETED REVIEW PERIODS (cont.)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|----------|---|----------------|----------------------------|-------|------------------------------|------|-------|------------|
| | | | | | | EPA | DTSC | RWQCB | City of SF |
| 17 | E-2 | Final Radiological Addendum for the RI/FS with RTCs | 3/4/11 | n/a | | | | | |
| 18 | Basewide | Draft Community Involvement Plan | 3/8/11 | 4/8/11 | | | | | 4/11/11 |
| 19 | G | Final Survey Unit Project Reports (SUPR) for units 124,129,151,153,84Pkg 32 | 3/15/11 | n/a | | | | | |
| 20 | G | Final Survey Unit Project Reports (SUPR) for units 66,67,68,69 Pkg 21 | 3/17/11 | n/a | | | | | |
| 21 | G | Final Survey Unit Project Reports (SUPR) for units 70,71,72,73 Pkg 22 | 3/17/11 | n/a | | | | | |
| 22 | G | Final Survey Unit Project Reports (SUPR) for units 95,96,97,98,99 Pkg 27 | 3/17/11 | n/a | | | | | |
| 23 | G | Final Survey Unit Project Reports (SUPR) for units 103,104,105,106,107 Pkg 28 | 3/17/11 | n/a | | | | | |
| 24 | G | Final Survey Unit Project Reports (SUPR) for units 109,110,111,112 Pkg 29 | 3/17/11 | n/a | | | | | |
| 25 | G | Final Survey Unit Project Reports (SUPR) for units 119,120,121,122,123 Pkg 31 | 3/17/11 | n/a | | | | | |
| 26 | G | Final Survey Unit Project Reports (SUPR) for units 113,114,116,117,118,Pkg 30 | 3/17/11 | n/a | | | | | |

**ATTACHMENT B-2: CURRENTLY UNDER REVIEW
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|--------|---|-------------------|-------------------------------------|-------|------------------------------|------|-------|------------|
| | | | | | | EPA | DTSC | RWQCB | City of SF |
| 1 | C | Draft Remedial Design | 3/21/11 | 4/21/11 | | | | | |
| 2 | E | Draft Survey Unit Project Reports (SUPR) for units 166,169,170,172,Pkg 37 | 3/24/11 | 4/25/11 | | | | | |
| 3 | UC-3 | Draft Survey Unit Project Reports (SUPR) for units 180, 181, 185, and 188, Pckg #38 | 3/29/11 | 4/29/11 | | | | | |
| 4 | UC-3 | Draft Survey Unit Project Reports (SUPR) for units 173, 174, 175 and 176, Package #39 | 3/31/11 | 5/2/11 | | | | | |
| 5 | UC-3 | Draft Survey Unit Project Reports (SUPR) for units 177, 178, 179, 182 and 13, Package #40 | 4/6/11 | 5/6/11 | | | | | |
| 6 | E | Draft Final, Final Status Survey Results, Building 414 | 4/8/11 | 5/9/11 | | | | | |
| 7 | G | Draft Removal Action Completion Report, Parcel G, HPS | 4/8/11 | 5/9/11 | | | | | |

**ATTACHMENT B-3: UPCOMING REVIEW PERIODS
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE**

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|------------------|---|-------------------|--------------------------------------|-------------------|------------------------------|------|-------|------------|
| | | | | | | EPA | DTSC | RWQCB | City of SF |
| 1 | E | Draft IR03 Work Plan | 5/12/11 | 30 days from submittal date | Date Tentative | | | | |
| 2 | B,D- 1,G,UC-2 | Draft Soil Gas Survey Tech Memo | 5/15/11 | 30 days from submittal date | Date Tentative | | | | |
| 3 | C, E | Draft Soil Vapor Sampling Workplan | 5/15/11 | 30 days from submittal date | Date Tentative | | | | |
| 4 | E-2 | Final RI/FS with RTCs | 5/16/11 | n/a | Date Tentative | | | | |
| 5 | Basewide | Final Amended Basewide Groundwater SAP | 5/16/11 | n/a | Date Tentative | | | | |
| 6 | E | Final Parcel E Groundwater Treatability Study Technical Report | 5/18/11 | n/a | Date Tentative | | | | |
| 7 | C | Draft Pre-Design Work Plan RU-C2 | 5/20/11 | 30 days from submittal date | Date Tentative | | | | |
| 8 | Basewide | Final CIP | 5/26/11 | n/a | Date Tentative | | | | |
| 9 | E-2 | Shipshielding TCRA- Draft Action Memorandum | 5/27/11 | 30 days from submittal date | Date Tentative | | | | |

ATTACHMENT B-3: UPCOMING REVIEW PERIODS (continued)
HUNTERS POINT SHIPYARD DOCUMENT REVIEW TABLE

| Item | Parcel | Document Name | Submittal Date | Expected Date for Comments | Notes | Agency Submittal of Comments | | | |
|------|--------------|--|-------------------|-------------------------------------|----------------|------------------------------|------|-------|------------|
| | | | | | | EPA | DTSC | RWQCB | City of SF |
| 10 | E | Draft Final Parcel E Feasibility Study | 6/3/11 | 30 days from submittal date | Date Tentative | | | | |
| 11 | E | Draft Final Parcel E Radiological Addendum | 6/17/11 | 30 days from submittal date | Date Tentative | | | | |
| 12 | B | Final - Petroleum hydrocarbon Site Closeout Report Parcel B, Vol 1 and 2 | 6/29/11 | n/a | Date Tentative | | | | |
| 13 | B,D-1,G,UC-2 | Final Soil Gas Survey Tech Memo | 6/30/11 | n/a | Date Tentative | | | | |
| 14 | C | Draft TPH Work Plan | 6/30/11 | 30 days from submittal date | Date Tentative | | | | |
| 15 | E | Final TPH CAP Work Plan | 6/30/11 | n/a | Date Tentative | | | | |
| 16 | E-2 | Draft Work Plan - Shipshielding TCRA | 7/7/11 | 30 days from submittal date | Date Tentative | | | | |
| 17 | F | Final Radiological Data Gap Investigation Work Plan | 7/15/11 | n/a | Date Tentative | | | | |

| | | | |
|-------|---|-------|--|
| CAP | Corrective Action Plan | ROD | Record of decision |
| CDPH | California Department of Public Health | RI | Remedial investigation |
| DTSC | Department of Toxic Substances Control | RTC | Response to comment |
| EPA | U.S. Environmental Protection Agency | RWQCB | San Francisco Bay Regional Water Quality Control Board |
| FOSET | Finding of suitability for early transfer | SF | San Francisco |
| FOSL | Finding of suitability to lease | SUPR | Survey Unit Project Report |
| FOST | Finding of suitability to transfer | TCRA | Time critical removal action |
| FS | Feasibility study | TPH | Total petroleum hydrocarbon |
| FSS | Final status survey | | |
| n/a | Not applicable | | |

ATTACHMENT C: HUNTERS POINT SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS

| Item No. | Action Item | Person Authoring the Action Item | Due Date | Person/Agency Committing to Action Item | Resolution Status |
|---------------------------------|---|----------------------------------|----------|---|--|
| New Action Items | | | | | |
| 1 | The Navy will schedule a meeting with the new IWMD representative to discuss the landfill gas program at Parcel E-2 for the Proposed Plan. | Navy | | Navy | |
| 2 | Chris Yantos will provide the basewide map of the radiological survey packages to the BCT. | Chris Yantos, Navy | | Chris Yantos, Navy | |
| Outstanding Action Items | | | | | |
| 1 | Jim Whitcomb will coordinate some potential dates with RASO for the meeting in Sacramento to discuss the parameters for dose modeling and finalize a meeting date with DTSC and CDPH. | Jim Whitcomb, Navy | | Jim Whitcomb, Navy | In progress. Ryan Miya (DTSC) has not heard anything. Mr. Yantos said that there an internal draft is in progress and there is an updated slide in the presentation. As soon as then get available dates from Laurie Lowman, the Navy will contact DTSC and CDPH. This item was transferred to Mr. Yantos' responsibility. |
| 2 | Mr. Whitcomb will get in contact with CDPH about collecting samples at the Buildings 313, 313A, and 322 sites while the excavation sites and trenches are still open. | Jim Whitcomb, Navy | | Jim Whitcomb, Navy | In progress, Chris Yantos said that they actively remediating but they have not reached a point for CDPH to collect confirmation samples. This item was transferred to Chris Yantos' (Navy, RPM) responsibility. |

| Item No. | Action Item | Person Authoring the Action Item | Due Date | Person/Agency Committing to Action Item | Resolution Status |
|---------------------------------|---|----------------------------------|----------|---|---|
| Outstanding Action Items | | | | | |
| 3 | Jim Whitcomb will provide a copy of the Radiological Program schedule to Steve Hsu (CDPH) in order to plan and schedule radiological scans and a list of site statuses. | Jim Whitcomb/Navy | | Jim Whitcomb/Navy | In progress. Lara Urizar (Navy, RPM) said that Ms. Kito will be the point of contact (POC) for everything except Parcel B Installation Restoration (IR) sites 7 and 18 and Ms. Urizar will be the contact for that. Ms. Kito said to go through Mr. Yantos. |
| 4 | The Navy will provide the Water Board the rad results from the storm water in the frac tanks to determine if that water can be used for dust control. | Navy | | Navy | In progress. She said that Radiological Affairs Support Office (RASO) approved it and she will send the data out to the BCT later this week. |